



**DEPARTMENT OF TOXIC SUBSTANCES CONTROL
REGISTERED ENVIRONMENTAL ASSESSOR
(REA) NEWSLETTER**

January/February 2011

Hello REAs!

In this quarterly issue of the REA E-News, the California Department of Toxic Substances Control (DTSC) features news, useful Web sites, training and information on upcoming events.

We want to hear from you! Please contact us with any comments or ideas you have about the REA E-News (what you like and do not like), the REA Program in general, or suggestions on how we can better assist you. Your input is very important to us and we hope you will let us know how we are doing by completing our survey online at the link below.

Survey Link:

<http://www.surveymkey.com/s.cfm?SID=6D4AFF43-FF9E-87C0-4BA41DB83A4DDF51>

Please remember to verify your contact information and update us with any changes at [REA Online Update Form](#) or send changes to REA_Mailbox@dtsc.ca.gov

Please Note: REA Program does not participate in Facebook or LinkedIn internet connections. The Program is short staffed and the internet is time consuming.

Note: We use Pacific Time for upcoming events.

~~~~~  
**DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC)**

**Mercury Thermostat Recovery Workshop:** Cal/EPA Headquarters, Sierra Hearing Room, coordinator Matthew Mullinax [mmullina@dtsc.ca.gov](mailto:mmullina@dtsc.ca.gov) held January 18, 9 A.M. to 4 P.M.

**International Conference on Biomolecular Engineering:** How can biomolecular engineering address grand challenges in healthcare and the environment? The meeting brings together researchers using quantitative approaches to advance the understanding and application of biology at the molecular level. These approaches are contributing to the development of analytical, diagnostic, and therapeutic strategies that are directly relevant to public health. The meeting will also stimulate efforts to integrate these approaches across the molecular, cellular, and higher scales of biological complexity in a single-track Gordon-style conference format that includes hotel accommodations and most meals. Conference held January 16-19 at the Grand Hyatt San Francisco in San Francisco, CA. [Register online](#)

Web site: [SBE's 3rd International Conference on Biomolecular Engineering](#)

**2011 CA Water Environment Association's (CWEA) Pretreatment, Pollution Prevention, and Stormwater Conference:** Office of Chief Scientist of DTSC has been invited by CWEA's to participate in the 2011 P3S Conference. DTSC staff will present the California

Nanotechnology Initiative and the potential applications of nanomaterials including its application in the water filtration and treatment systems. The conference held February 28 - March 2 at the Hyatt in Santa Clara, CA. <http://wp.cwea.org/?cat=58>

~~~~~

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY (CAL/EPA)

Green California Summit: The Green California Summit has emerged as the state's most important annual forum for innovations in policy, technology and practice – a chance to be educated and inspired by programs and initiatives that are keeping the Golden State at the leading edge of environmental preservation. Summit held April 19-20 at the Sacramento Convention Center. One of the Advisory Broad Co-Chair is Linda Adams Secretary Cal/EPA for this event. [Click here](#) for more information.

A Sampling Refresher for Inspectors: CST138: This webinar offers a brief overview of field sampling: basic procedures, field equipment, collection technique and sampling in support of criminal investigations. This webinar is intended for Federal, State or local government inspectors who are responsible for sample collection. After registering for this training, click on Classroom and the words "enter classroom" to register and obtain the webinar Link. Webinar training held January 19, 2 to 3:30 P.M. [Register](#) [Delivery Details](#)

For information on courses offered in the upcoming months visit the web site below.

Web site: [Course Schedule](#)

Live Cal/EPA Webcast upcoming meetings and workshops: [Cal/EPA Live Webcast](#)

Cal/EPA Environmental Complaint Form: If you have observed an activity, physical evidence of an activity, or have knowledge of what you think may be a possible illegal act or unauthorized release in California that has caused harm or damage to human health or environment, Cal/EPA wants to know about it. Use the Environmental Complaint Form in the link below to file a complaint with Cal/EPA.

Web site: [Cal/EPA Complaint Form](#)

~~~~~

## STATE WATER RESOURCES CONTROL BOARD (SWRCB) & REGIONAL WATER QUALITY CONTROL BOARDS (RWQCBs)

**Presentation and Discussion of Draft Report for San Joaquin River Flow and Southern Delta Salinity Objectives** Cal/EPA Headquarters, Coastal Hearing Room, January 6 & 7 at 9 A.M. to 7 P.M. Coordinator: Larry Lindsay [llindsay@waterboards.ca.gov](mailto:llindsay@waterboards.ca.gov)

**13<sup>th</sup> Cal Unified Program (CUPA) Forum Annual Conference:** This event is a statewide association of CUPAs and Participating Agencies that implement the Unified Program. The organization works to update and continuously improve the Unified Program for the agencies, businesses and communities we serve through annual conferences, training videos, meetings, job announcements, and other services. The conference will be held at the Hyatt Regency,

Garden Grove, January 31 to February 3.

[CLICK HERE](#)

**Online Stormwater BMP Courses:** Office of Water Program (OWP) is now offering new courses based on the Stormwater Best Management Practice (BMP) Handbooks. Each course consists of two components, the CASQA BMP Handbook and course enrollment. Enrollment includes a study guide on CD-ROM, and access to the final exam. Two continuing education units (CEUs) will be awarded for passing each final exam. A certificate will be issued for each completed course.

Online Stormwater BMP Courses Web site: [Office of Water Programs](#)  
For information on SWRCB and RWQCB meetings and activities, visit the web site below.

Web site: [http://www.waterboards.ca.gov/board\\_info/agendas/](http://www.waterboards.ca.gov/board_info/agendas/)

~~~~~

AIR RESOURCES BOARD (ARB)

Characterizing MAC Refrigerant Emissions from Heavy-Duty On and Off road Vehicles in California: This is a first of its kind study, data regarding heavy-duty vehicle mobile air conditioning (MAC) system refrigerant (R134a) leak rates were collected by directly measuring leak rates from in-use medium- and heavy-duty on- and off-road equipment, and by analyzing large transit bus refrigerant use records provided by fleet managers. This meeting will discuss the findings of the study and the impact to the environment. The seminar held January 6, 1:30 to 3:30 P.M. at the Cal/EPA Building, Sacramento in the Sierra Hearing Room. Contact: Peter Mathews (916) 323-8711 or pmathews@arb.ca.gov ([more info](#))

Public Workshop - Changes To Funding Opportunities Based On Amendments To The Truck And Bus, Drayage Truck, And Off-Road Regulation: Cal/EPA Headquarters, Sierra Hearing Room, January 11 at 1 to 3 P.M. Coordinator: Johanna Levine jlevine@arb.ca.gov
For more information visit the link: [Agenda](#)

Public Workshop - Carl Moyer Program: Cal/EPA Headquarters, Byron Sher Auditorium, January 11 and 20, 1 to 3 P.M. Coordinator: Adriana M. Smith asmith@arb.ca.gov [Agenda](#)

Truck and Bus Regulation Reporting Training: Cal/EPA Headquarters, Byron Sher Auditorium, January 12, 8 A.M. to 5 P.M. Coordinator: Danielle Chambers
dchamber@arb.ca.gov

Tractor and Trailer GHG Rule Compliance and Reporting Training: Cal/EPA Headquarters, Sierra Hearing Room, January 26, February 7 and March 21 at 10 A.M. to 4 P.M. Coordinator: Yvonne Sanchez ysanchez@arb.ca.gov

**All meetings take place at the Cal/EPA Building, 1001 I Street, Sacramento, CA.

Course #290.7: Chrome Plating ATCM: Certification (Recorded): This course is designed for owner/operators of chrome plating facilities who wish to comply with the "Environmental Compliance Training" requirements in section 93102.5 (b) of the NEW Airborne Toxic Control

Measure (ATCM) for Chromium Plating and Chromic Acid Anodizing Facilities. Classroom discussion will focus on the new amendments associated with the new ATCM requirements. **Note: You must [enroll in this recorded course](#) in order to receive credit.** Time: Anytime.

Web site: [Air Pollution Seminar Series](#)

For more information on ARB classes, training, and workshops visit the web sites below.

Web site: [ARB Training](#) ARB [Courses](#)

~~~~~

## DEPARTMENT OF PESTICIDE REGULATION (DPR)

**DPR announces decision to register Methyl Iodide** with most stringent restrictions in the Nation. DPR Director Mary-Ann Warmerdam announced that the registration of methyl iodide will occur later this month as soon as emergency regulations take effect to designate the fumigant pesticide as a restricted material. The decision follows the U.S. Environmental Protection Agency's (U.S. EPA) approval of California-specific labels for four methyl iodide products with stringent health-protective measures required by DPR.

**Pesticide Registration and Evaluation Committee Meeting (PREC):** Sierra Hearing Room, January 21, February 18 and March 18, 10 A.M. to 12 P.M. Coordinator: Amy Duran [aduran@cdpr.ca.gov](mailto:aduran@cdpr.ca.gov)

**Integrated Pest Management Awards:** Cal/EPA Headquarters, Sierra Hearing Room, January 27 at 1:30 to 5 P.M. Coordinator: Ann Pingitore [apingitore@cdpr.ca.gov](mailto:apingitore@cdpr.ca.gov)

\*\*All meetings take place at the Cal/EPA Building, 1001 I Street, Sacramento, CA. Please check dates ten days before meetings to confirm. Go to [Cal/EPA Live Webcasts](#) for technical requirements and links.

Agendas are available about 10 days before the meeting date: [Agricultural Pest Control Advisory Committee \(APCAC\)](#), [Pest Management Advisory Committee \(PMAC\)](#), [Pesticide Registration and Evaluation Committee \(PREC\)](#), and [Air Monitoring Network](#)

DPR plans to set up a monitoring network to sample ambient air for multiple pesticides in several communities on a regular schedule, over the next five or more years. DPR will use data gathered to evaluate and improve protective measures against pesticide exposure. Public comments are requested on project objectives, pesticides to monitor, sampling plan and communities to monitor.

Comments will be accepted by e-mail at [airnetwork@cdpr.ca.gov](mailto:airnetwork@cdpr.ca.gov).

To find out what's new with DPR, please visit the web site: [What's New?](#)

~~~~~

DEPARTMENT OF RESOURCES RECYCLING AND RECOVERY (CALRECYCLE)

CalRecycle Monthly Public Meeting: Cal/EPA Headquarters, Byron Sher Auditorium, held January 18, February 15 and March 15 at 10 A.M. to 5 P.M. - Coordinator: Monica Rodriguez Monica.Rodriguez@CalRecycle.ca.gov

Workshop on Paint Product Stewardship: Cal/EPA Headquarters, Byron Sher Auditorium, March 10 at 8:30 A.M. to 5 P.M. Coordinator: Emily Wang Emily.Wang@CalRecycle.ca.gov

Tire Plan Workshop Revising the 2011 to 2016: Senate Bill 876 requires CalRecycle to update the Five-Year Plan for the Waste Tire Recycling Management Program every two years. At the workshop staff will present a draft plan that contains the proposed activities and budgets for FYs 2011/12-2015/16. Staff seeks input from stakeholders on the proposed activities and budgets and any other ideas that stakeholders would like to present. The full version of the draft plan that contains program status, objectives, performance measures, activities, budgets and appendices will be presented during a CalRecycle workshop held March 14, 2011. Contact: Monica Rodriguez Monica.Rodriguez@CalRecycle.ca.gov
Open to the Public*

*All meetings take place at the Cal/EPA Building, 1001 I Street, Sacramento, CA.

For more information on events visit the web site at: [CalRecycle Calendar](#)

LEA Training, <http://www.calrecycle.ca.gov/LEA/Training/>

OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT (OEHHA)

The Office of Environmental Health Hazard Assessment (OEHHA) is adding one chemical to the list of chemicals known to the State to cause reproductive toxicity for purposes of the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)¹. The chemical is *avermectin B1 (abamectin)* (CAS No. 71751-41-2). *Avermectin B1 (abamectin)* is listed effective December 3, 2010.

In summary, the following chemical is being listed under Proposition 65 as known to the State to cause: Reproductive toxicity

Proposition 65 regulations have officially moved from **Title 22 (Health Services) to Title 27 (Cal/EPA) of the Code of Regulations** ([download table here](#))

Regulations Update Meeting: Cal/EPA Headquarters, Sierra Hearing Room, Coordinator: Monet Vela mvela@oehha.ca.gov January 6, 10 A.M. to 12 P.M.

Green Chemistry Meeting: Cal/EPA Headquarters, Sierra Hearing Room, - Coordinator: Monet Vela mvela@oehha.ca.gov held January 19 and 28, 10 A.M. - 12 P.M.

Regulations Update: Cal/EPA Headquarters, Sierra Hearing Room, February 17 at 10 A.M. to 12 P.M. Coordinator: Monet Vela mvela@oehha.ca.gov

*All meetings take place at the Cal/EPA Building, 1001 I Street, Sacramento, CA.

Notice Is Hereby Given that the Office of Environmental Health Hazard Assessment (OEHHA) proposes to add a qualifier "oral" to a specific regulatory level having no observable

effect for cadmium and amend Title 27, California Code of Regulations, Section 25805.
[Download this notice as a pdf file here](#)

A complete, updated [Proposition 65 list is available for download as a pdf file here](#).

Web site: [Proposition 65](#)

OEHHA News and Information Web site: www.oehha.ca.gov.

OTHER EVENTS, NEWS & TRAINING

SPECIAL INTEREST NEWS

Green Nano: Cinnamon can replace toxic chemicals used to produce nanomaterials. More information here: <http://www.nanowerk.com/news/newsid=19193.php>

Interesting New Life Form Found in Mono Lake – Second Genesis? “All life on Earth - from microbes to elephants and us - is based on a single genetic model that requires the element phosphorus as one of its six essential components. But now researchers have uncovered a bacterium that has five of those essential elements but has, in effect, replaced phosphorus with its look-alike but toxic cousin arsenic...” to read more - <http://www.washingtonpost.com/wp-dyn/content/article/2010/12/02/AR2010120203102.html>

OTHER EVENTS

2011 North American Environmental Field Conference & Exposition: A high-energy conference featuring 58 papers, presented by the world's foremost authorities in the field, discussing cutting-edge field-based technologies; Advances and innovations in environmental site characterization, sampling, monitoring & remediation technology. Conference & Exposition will be held January 11 - 13, at the Hilton San Diego Resort & Spa on Mission Bay in San Diego, CA. For more information, please visit <http://www.envirofieldconference.com>

Waste Management and Pollution Control: This course enables students to understand the terminology and principles associated with hazardous waste management and minimization, as well as new and existing techniques for recycling, reclamation, treatment, and disposal. This three day course will highlight state and federal regulations, followed by in depth case studies. Course held February 1 - 3 in San Diego, CA. For more information, please visit <http://www.trainex.org/classdetails.cfm?courseid=1082&classid=4986>

5th Annual Environment and Occupational Health Technical Symposium: “Pharmaceuticals and Personal Care Products (PPCPs) in Water Supplies: Potential Impacts and Sustainable Solutions”. This symposium invites leading researchers and policy makers in the field of emerging contaminants to discuss potential impacts and sustainable solutions regarding PPCPs. The symposium will explore the presence of PPCPs in drinking and surface waters, investigate the potential human and environmental health impacts, discuss remediation technologies, and provide attendees with an understanding of the broad scope of challenges presented by this emerging issue. Symposium held February 11 at 8 A.M. to 3 P.M.

More Info:

<https://www.csunalumni.com/ShortcutURLHandler.aspx?404;https://www.csunalumni.com:80/eohtechsym2011>

2011 Fuel Cell & Hydrogen Energy Conference: The Hydrogen Energy Conference is the largest hydrogen conference in the U.S. and the longest running annual hydrogen conference in the world. This event will be your opportunity to learn about breakthroughs, progress on commercialization challenges and network over a few days with the brightest minds and business leaders in the industry. Conference held February 13 - 16, Washington D.C. For more information: [View website](#)

Facility Decommissioning Training Course: The purpose of the course is to provide information on the basic steps in the decommissioning process and impart lessons learned from past experiences in decommissioning. In this manner, elements learned at this training course will assist in decision-making, planning, and implementation associated with the decommissioning of various types of nuclear facilities. Course will be held in Las Vegas, NV. March 14 - 17. For more information, please visit <http://www.dd.anl.gov/ddtraining/>

For information on upcoming events visit the web site: www.cluin.org/training/

CA WATER ENVIRONMENTAL ASSOICATION'S (CWEA)

Biosolids: Putting Regulators and Researchers in Touch with You, the Practitioner: Los Angeles County Sanitation District presents Biosolids Workshop. Workshop is held at 1955 Workman Mill Rd, Whittier, CA on January 18. For more information view the flyer. [Workshop Flyer](#) [Register Online Now](#)

For information on CWEA events: <http://www.cwea.org/> or <http://wordpress.cwea.org/>

For information on upcoming conferences: www.cwea.org/conferences.

CA ENVIRONMENTAL EDUCATION INTERAGENCY NETWORK (CEEIN)

The 34th Annual Bay Area Environmental Education Resources (BAEER) Fair: The fair will feature more than 70 resources and numerous workshops for educators and parents with a special interest in wildlife, ecology, adventure and much more. Fair held Saturday, January 22 at the Marin Civic Center located in San Rafael 10 A.M. to 4:30 P.M. For more information visit the website at: [Bay Area Environmental Education Resources Fair](#)

Capitol Area Science Education Leaders Conference Going Green: Choose from several grade level breakout sessions by local educators who are integrating creativity and the environment into their science instruction. Go away with ideas and materials you can use the next day in your classroom. Conference held January 22 at the Wentworth Educational Services Center, 2707 Transworld Drive, Stockton, CA 95206. Contact: Stephanie Anderson, (209) 468-4880 or email standerson@sjcoe.net More info: [Capitol Area Science Education Leaders](#)

For more information on CEEIN events visit web site: <http://www.cde.ca.gov/pd/ca/sc/oeeccein.asp>

THE NORTHWEST ENVIRONMENTAL TRAINING CENTER (NWETC)

Brownfield Restoration Training: This course provides an overview of the Brownfields process, from achieving Brownfield status to completing redevelopment. Participants will receive training for funding assessments, directing phases of redevelopment, and managing federal grants. The course will also cover effective assessment techniques, current remediation practices, and tactics usable in rural and urban Brownfields sites. Training held January 25-27 in Oakland. For more information visit the web site at: [Read More](#)

Waste Management and Pollution Prevention: This course enables attendees to understand the terminology and principles associated with hazardous waste management and minimization, as well as new and existing techniques for recycling, reclamation, treatment, and disposal. This three day course will highlight state and federal regulations, followed by in depth case studies. Training held February 1-3 in San Diego. For more information visit the web site at: [Read More](#)

For more information on courses visit the web site: [Course Catalog](#)

MIDWEST GEOSCIENCES GROUP - Webinar Courses:

Hydrogeology of Aquitards and Low-Permeability Materials, Part 1, Analyzing Head Distributions and Vertical Hydraulic Gradients: This 90-minute webinar will explore the key roles of aquitards in almost all groundwater projects, from water supply to waste disposal to site remediation. The webinar will demonstrate the effects of aquitards on groundwater flow and well response and show how typical monitoring well configurations can yield useless or misleading information in low-permeability settings. Webinar class held January 7.
<http://www.midwestgeo.com/webinars/aquitards1-01072011.php>

Hydrogeology of Aquitards and Low-Permeability Materials, Part 2, Analyzing Head Distributions and Vertical Hydraulic Gradients: The course will review the characteristics of hydraulic head distributions in low-K materials and show how aquitards impact groundwater flow paths. Such plots are essential for correct design of groundwater monitoring systems, selecting locations, and interpreting results. The webinar also covers the definition and significance of a water table in low-K settings and evidence for or against perched conditions. Participants will undertake a hands-on exercise demonstrating the hydraulic concepts presented. Webinar class held January 14.
<http://www.midwestgeo.com/webinars/aquitards2-01142011.php>

Ethics for Geologists and Engineers, Realizations of Everyday Decisions and Common Behaviors: Ethical challenges often come without warning while most professionals do not realize when they are making an ethical decision or when their behavior crosses the boundary. This 90-minute webinar provides geologists and engineers with an understanding of how to identify an ethical situation and make an ethical decision or behave appropriately in the everyday work environment. Webinar course held January 19.
<http://www.midwestgeo.com/webinars/ethics-01192011.php>

For schedule of upcoming courses visit the web site: <http://www.midwestgeo.com/index.php>

CALIFORNIA COMMUNITY COLLEGES

Overview of Hazardous Waste Generator Standards & Best Environmental Practices at Construction Site Training: Topics include: General Hazardous Waste Generator Requirements; Managing Hazardous Waste at Construction Site; Green building and Best Environmental Practices at Construction Site. Course held January 11 Cost: \$45.00

Hazardous Waste Regulations & Pollution Prevention Practices for the

Universities/Schools: At the conclusion of this training, you should: Have a general understanding of the definition of waste, and hazardous waste; Know the basic hazardous waste generators requirements; Be able to apply information to your workplace; Know the basic concept of pollution prevention and solvents alternatives; and Know where to go for more information. Course held January 20, Cost \$30.00.

For more information on scheduled classes visit the web site: www.envtraining.org/calendar

Note: Both courses held at the LA/OC Environmental Training Center 1830 W. Romneya Drive., Anaheim. Contact: Linda Bouman, 714-808-4614 or lbouman@sce.edu. Parking \$2.00

DOT 49 CFR Hazardous Materials Transportation: Course meets the requirements of the Department of Transportation CFR 49 Part 172.700 - Part 172.704 and Part 173. Topics Include: Regulatory Scope and Application; Using a Hazardous Materials Table; Preparing Hazardous Materials; Transportation Documents; Marking, Labeling and Placarding Requirements; Security Awareness and Site Policies; Handling Emergencies and Notification; Hazardous Identification. Registration fee: \$110.00, course held February 2, 1 - 5 P.M.

[Link to more information about DOT 49 CFR Hazardous Materials Transportation](#)

8 Hour: OSHA HAZWOPER Refresher: This course meets the Federal and State requirements of the annual refresher course to keep certification for 40- Or 24 -Hour HAZWOPER workers current: Characteristics and Identification of Hazardous Substances; Health Effects of Hazardous Substances Requirements; Worker Protection and Safe Work Practices; Principles of Emergency Response and Incident Command; Pollution Prevention Principles. Course held February 24, 8 A.M. - 4:30 P.M. Registration fee: \$140.00

[Link to more information about 8 Hour: OSHA HAZWOPER Refresher](#)

Note: Both courses held at Bay Area ETC Business Environmental Resource Center (BERC) 3200 Freedom Park Dr. Ste. 100, McClellan, CA. Contact: Michael Hall (408)855-5584 or mike.hall@wvm.edu

To register click on link www.gcccd.edu/ce/ then, click WebAdvisor under News & Updates.

University Of California Davis Extension (UCD):

UC Davis Extension offers Environmental Health and Safety and also Environmental Management courses, such as: Health and Safety Training for Hazardous Waste Workers; Clandestine Drug Lab Cleanup – a HAZWOPER Supplement; Toxic and Environmental Laws and Regulations; Environmental Management Systems – An Overview; Hazardous Materials

Transportation; Environmental Planning and Site Analysis; and Dynamics of Risk Communication.

Health and Safety Refresher for Hazardous Waste Workers - 8 Hours: For more information visit: [Health and Safety Refresher for Hazardous Waste Workers - 8 Hours](#)

Introduction to Chemical Hazards: For more information visit: [Introduction to Chemical Hazards](#)

Hazardous Materials Transportation: For more information visit: [Hazardous Materials Transportation \(49CFR\) - 16 hour](#)

For 2011 Fall Sacramento courses visit the web site: [UC Davis Extension Areas of Study](#)

2011 UCSC Winter Courses at Santa Clara / Silicon Valley Campuses: UCSC Extension offers courses and full certificate programs to meet the needs of new and experienced EH&S professionals. Topics include: environmental safety and health; hazardous materials; hazardous waste; and occupational safety and health. Contact: E-mail program@ucsc-extension.edu or call (408) 861-3860. For inquiries email: extension@ucde.ucdavis.edu

For 2011 upcoming courses visit the web site at: www.ucsc-extension.edu/ehs

[How to Enroll](#)

~~~~~

## NEED TO VERIFY THE STATUS OF A LICENSED GEOLOGIST OR GEOPHYSICISTS?

Please click the link below to search the Board for Professional Engineers and Land Surveyor's directory of licensees.

[Click here to look up Professional Engineers and Professional Land Surveyors](#)

[Click here to look up Professional Geologists and Geophysicists](#)

Web site: <http://www.pels.ca.gov/>

REA E-News, January 2011